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 Data File : VU051842.D
 Acq On : 14 Nov 2022 18:23
 Operator : JC/MD
 Sample : N5592-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:05:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

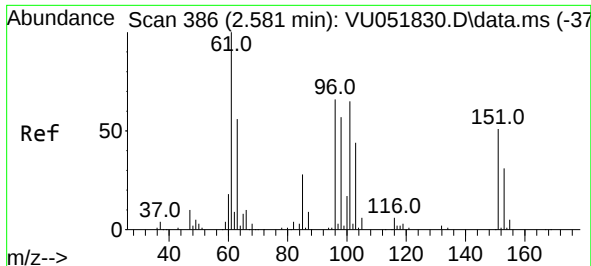
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189470	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	194502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	72599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56330	3.947	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.909	69	58400	3.924	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.565	65	24019	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.617	46	180860	34.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.000%
24) Chloroform-d	5.060	84	134518	4.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
26) 1,2-Dichloroethane-d4	5.700	65	72083	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
32) Benzene-d6	5.726	84	266831	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.690	67	94085	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.896	98	203936	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	22545	3.435	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.800%
46) 2-Hexanone-d5	8.629	63	166898	42.247	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.500%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	83445	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	74517	5.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	982	0.061	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	92086	5.591	ug/L	97
19) 1,1-Dichloroethane	3.867	63	17859	0.548	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	155847	7.968	ug/L	98
25) Chloroform	5.086	83	54232	1.603	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	809372	30.649	ug/L	99
31) Carbon tetrachloride	5.314	117	112420	4.977	ug/L	99
34) Trichloroethene	6.539	95	455512	24.591	ug/L	99
35) Methylcyclohexane	6.687	83	21394	0.835	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9284	0.470	ug/L #	88
45) 1,1,2-Trichloroethane	8.555	97	71399	4.935	ug/L #	1
47) Tetrachloroethene	8.555	164	8596453	605.961	ug/L	93
49) Dibromochloromethane	8.555	129	8598454	520.275	ug/L #	10
64) 1,3-Dichlorobenzene	11.748	146	2243	0.085	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

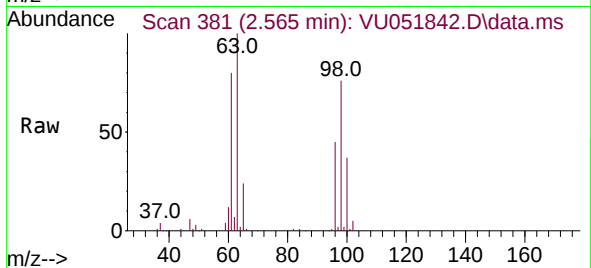
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 03:00:15 2022
Response via : Initial Calibration



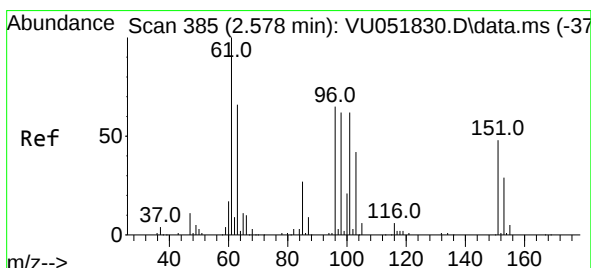
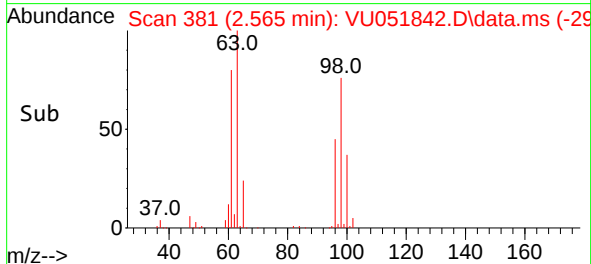
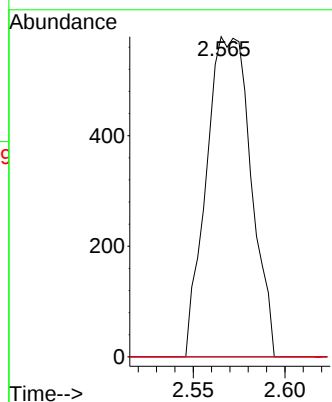


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.061 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU051842.D
 Acq: 14 Nov 2022 18:23

Instrument :
 MSVOA_U
 ClientSampleId :

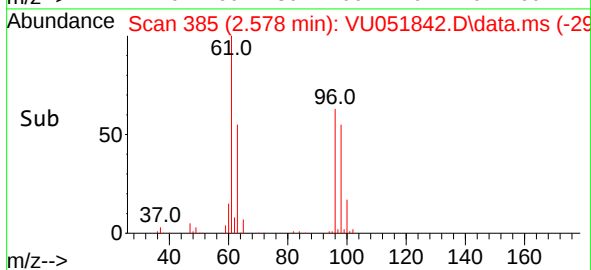
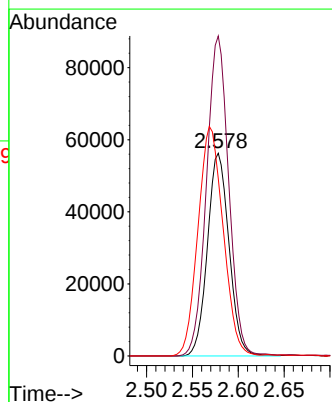
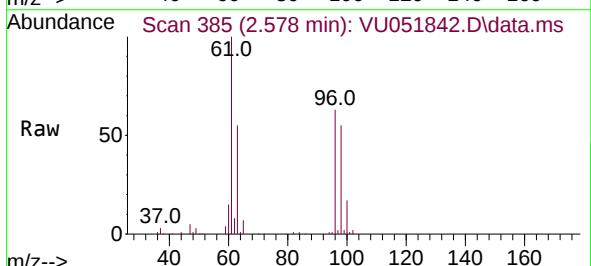


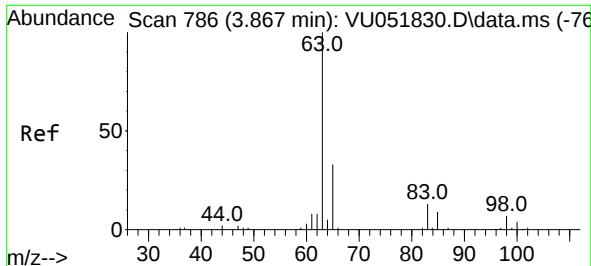
Tgt Ion:101 Resp: 982
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 0.0 59.6 89.4#



#12
 1,1-Dichloroethene
 Concen: 5.591 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051842.D
 Acq: 14 Nov 2022 18:23

Tgt Ion: 96 Resp: 92086
 Ion Ratio Lower Upper
 96 100
 61 157.9 108.8 202.0
 63 87.5 64.9 120.5





#19

1,1-Dichloroethane

Concen: 0.548 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

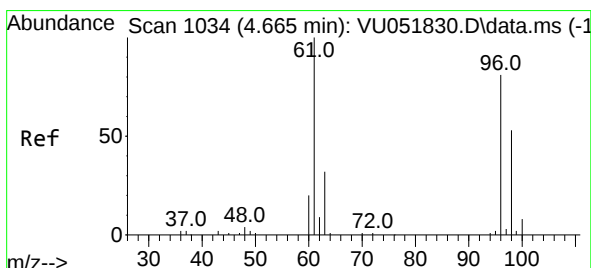
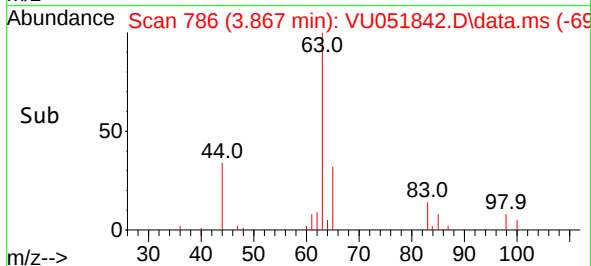
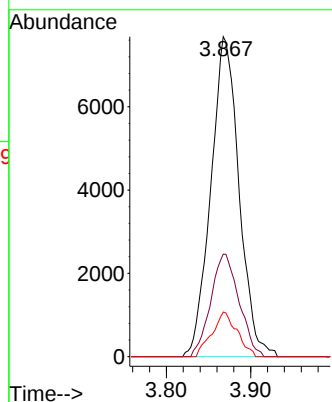
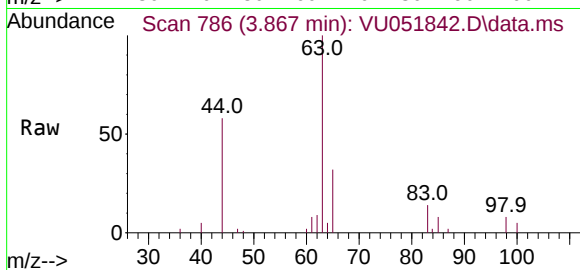
Tgt Ion: 63 Resp: 17859

Ion Ratio Lower Upper

63 100

65 32.1 22.7 42.1

83 14.0 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 7.968 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

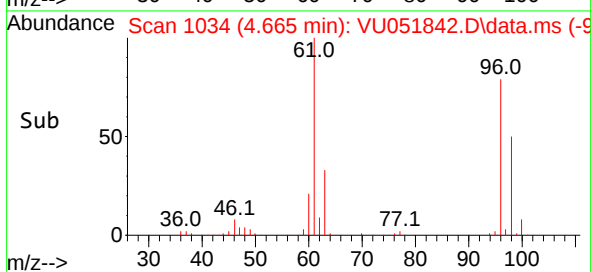
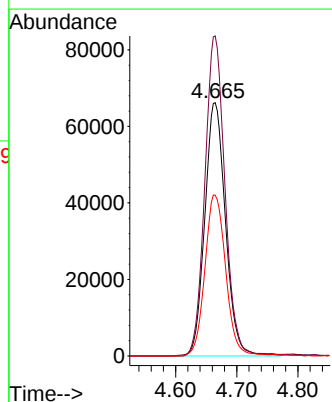
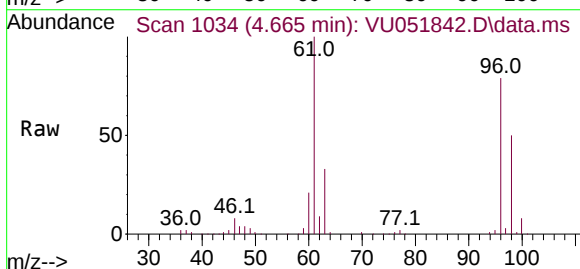
Tgt Ion: 96 Resp: 155847

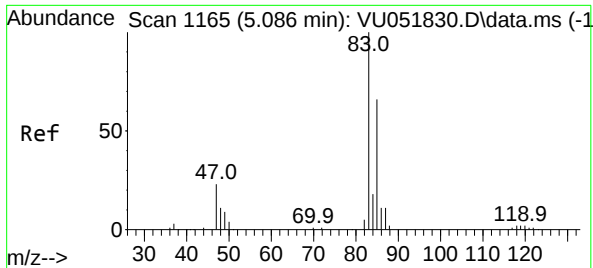
Ion Ratio Lower Upper

96 100

61 126.3 86.4 160.4

98 63.4 44.2 82.2

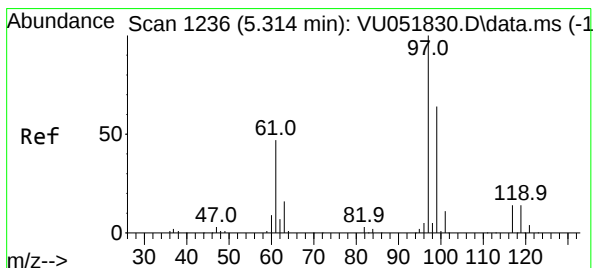
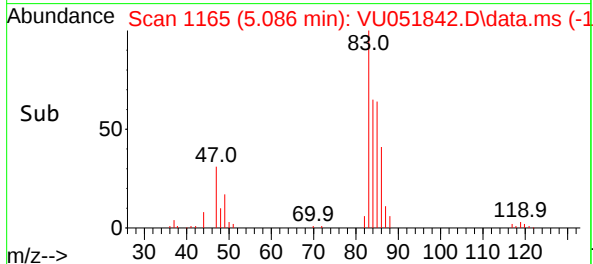
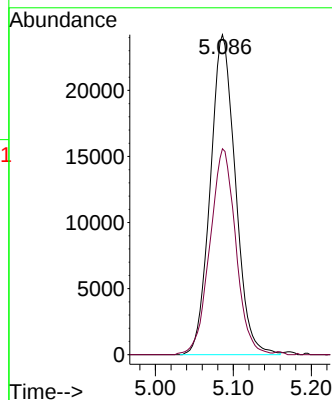
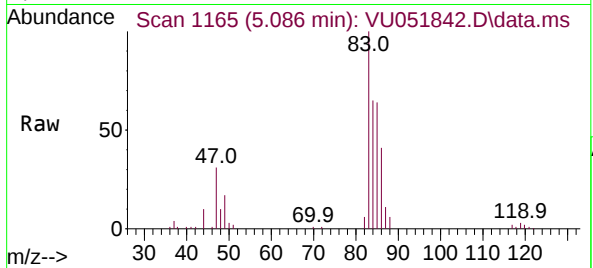




#25
Chloroform
Concen: 1.603 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051842.D
Acq: 14 Nov 2022 18:23

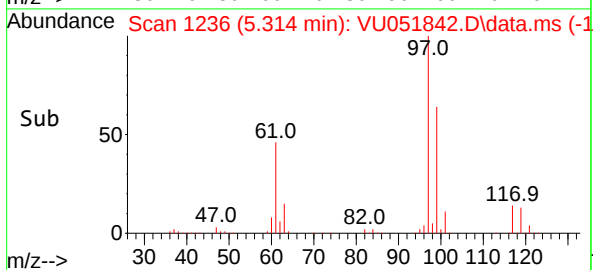
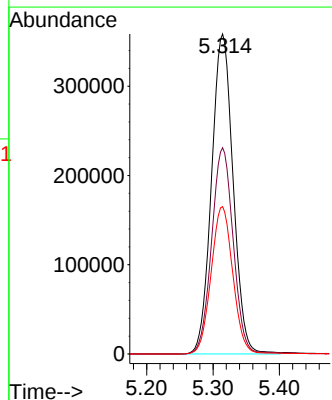
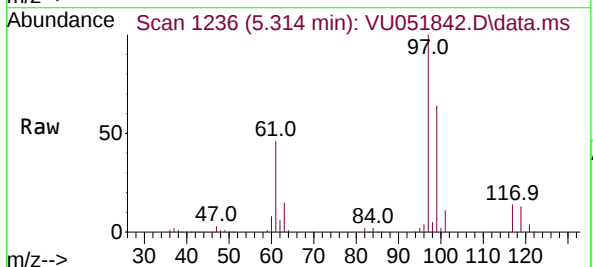
Instrument :
MSVOA_U
ClientSampleId :

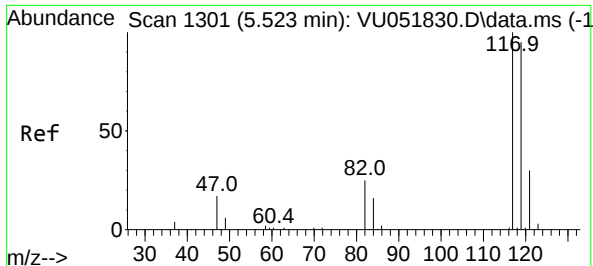
Tgt Ion: 83 Resp: 54232
Ion Ratio Lower Upper
83 100
85 64.4 45.2 84.0



#29
1,1,1-Trichloroethane
Concen: 30.649 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051842.D
Acq: 14 Nov 2022 18:23

Tgt Ion: 97 Resp: 809372
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 46.3 37.4 56.0

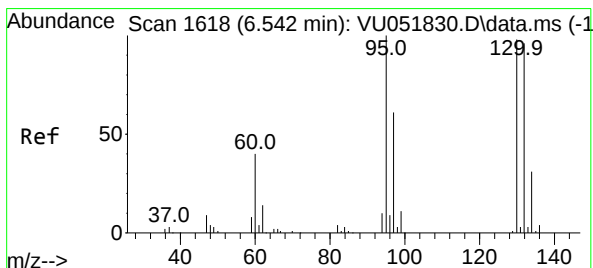
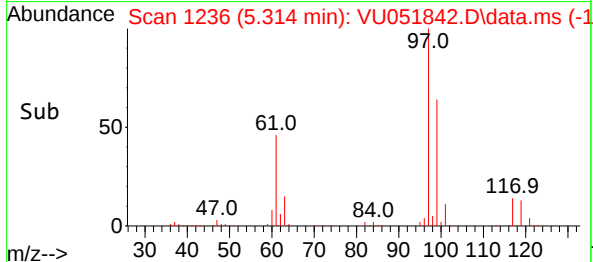
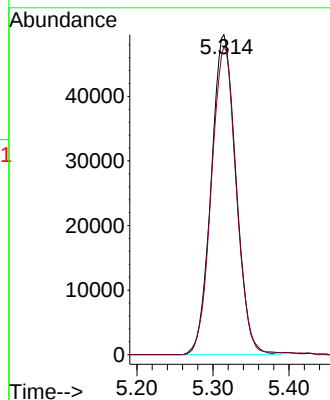
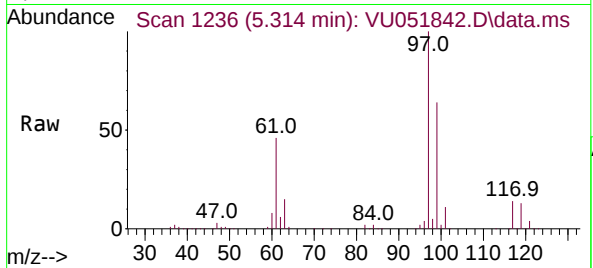




#31
Carbon tetrachloride
Concen: 4.977 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU051842.D
Acq: 14 Nov 2022 18:23

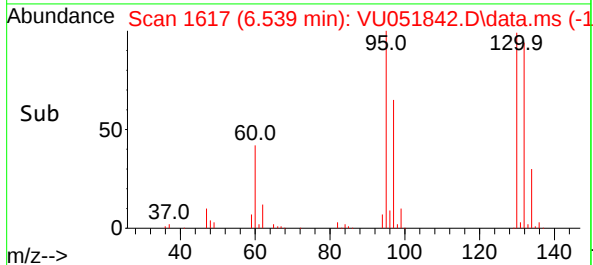
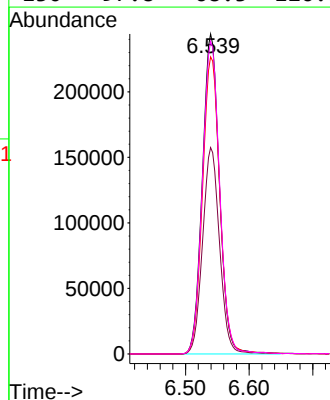
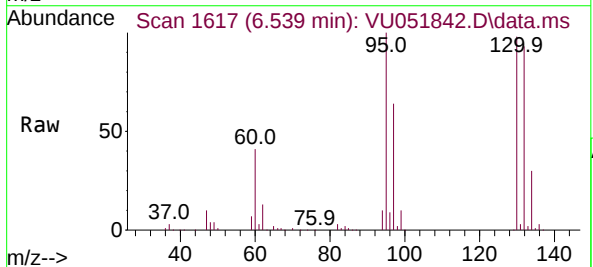
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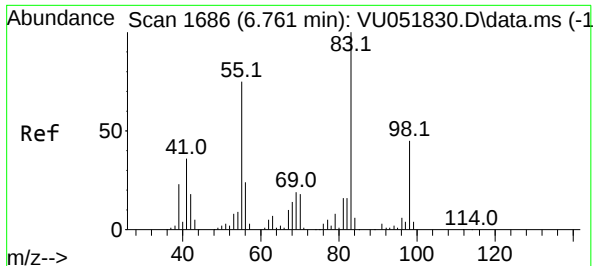
Tgt Ion:117 Resp: 112420
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#34
Trichloroethene
Concen: 24.591 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051842.D
Acq: 14 Nov 2022 18:23

Tgt Ion: 95 Resp: 455512
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 92.9 66.5 123.5
130 97.8 68.3 126.8





#35

Methylcyclohexane

Concen: 0.835 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

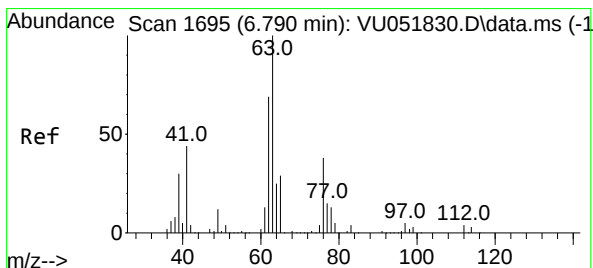
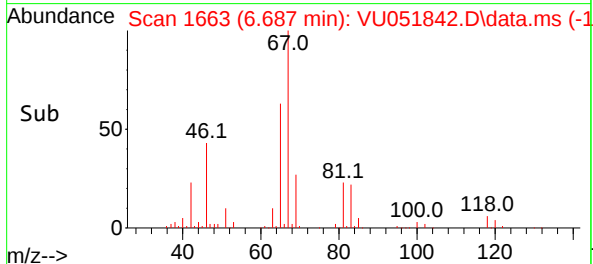
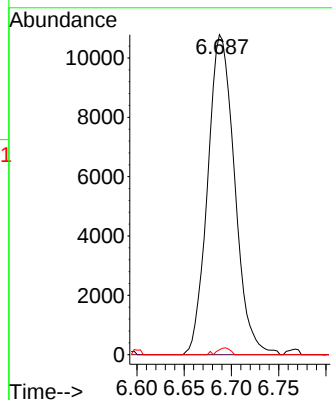
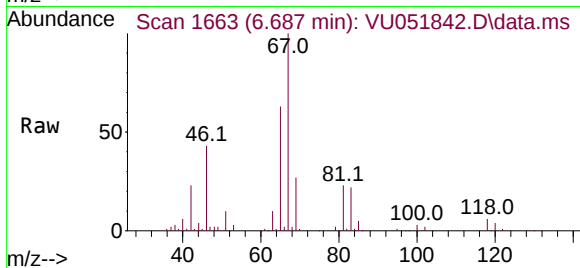
Tgt Ion: 83 Resp: 21394

Ion Ratio Lower Upper

83 100

55 0.0 60.6 90.8#

98 0.0 35.8 53.6#



#37

1,2-Dichloropropane

Concen: 0.470 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU051842.D

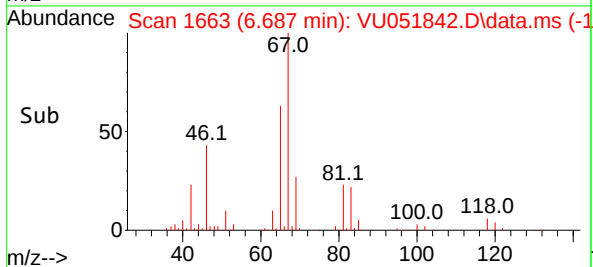
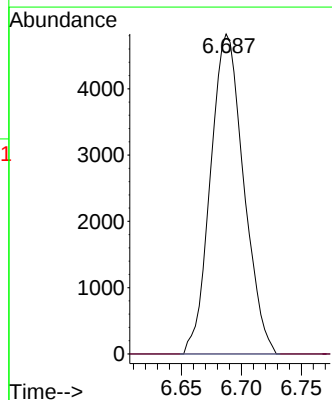
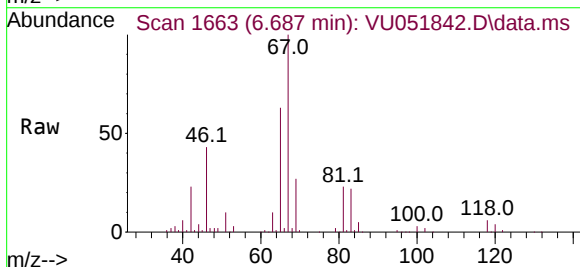
Acq: 14 Nov 2022 18:23

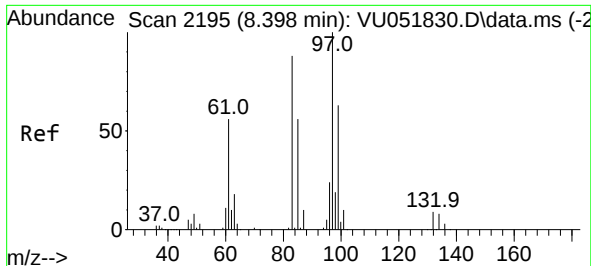
Tgt Ion: 63 Resp: 9284

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 4.935 ug/L

RT: 8.555 min Scan# 2195

Delta R.T. 0.158 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 71399

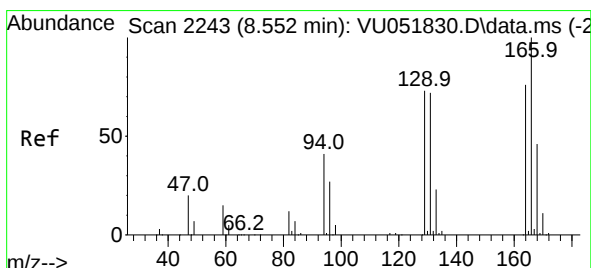
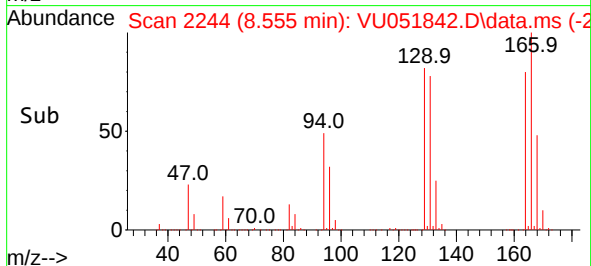
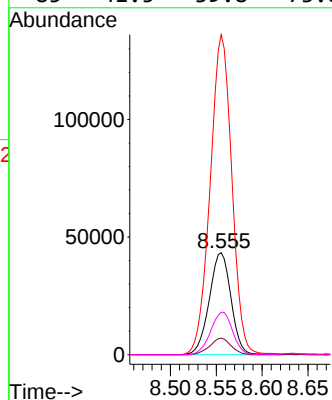
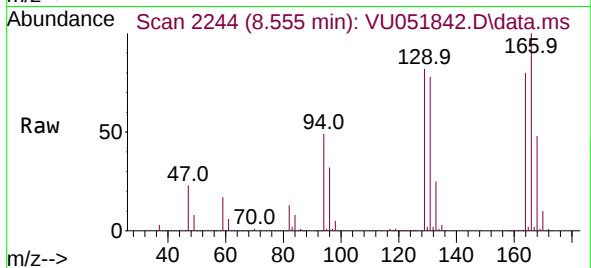
Ion Ratio Lower Upper

97 100

99 16.2 43.4 80.6#

83 313.2 61.3 113.9#

85 41.5 39.8 73.8



#47

Tetrachloroethene

Concen: 605.961 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Tgt Ion:164 Resp: 8596453

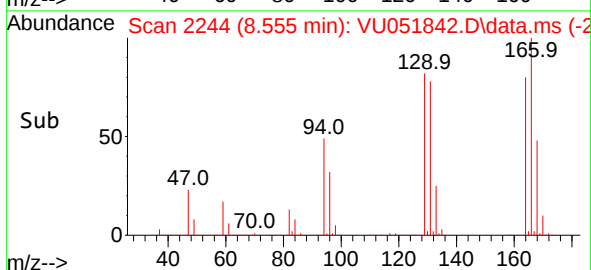
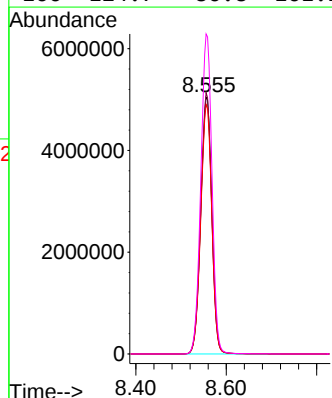
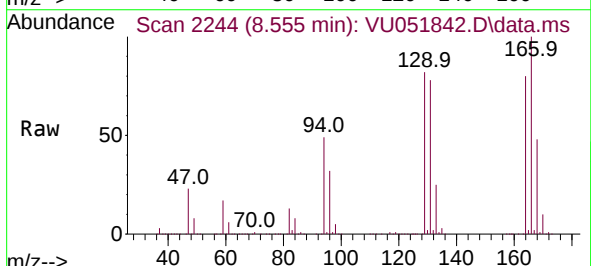
Ion Ratio Lower Upper

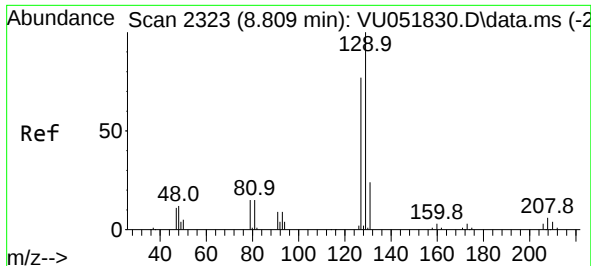
164 100

129 101.8 64.0 118.8

131 97.1 60.7 112.7

166 124.7 86.8 161.2





#49

Dibromochloromethane

Concen: 520.275 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Instrument :

MSVOA_U

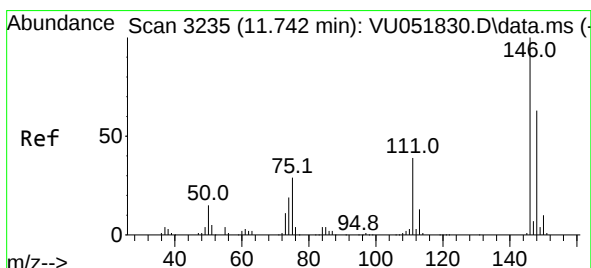
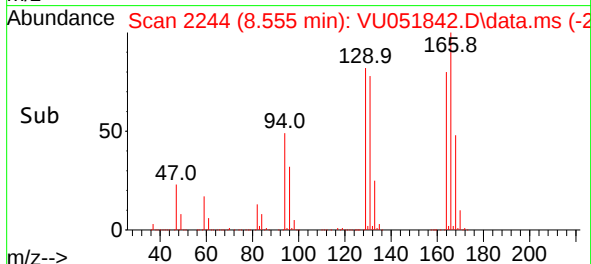
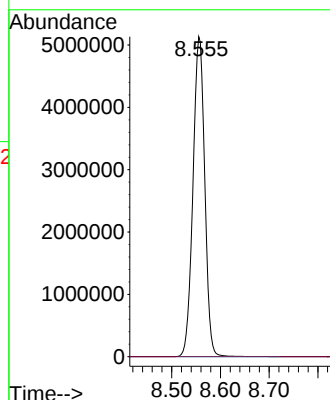
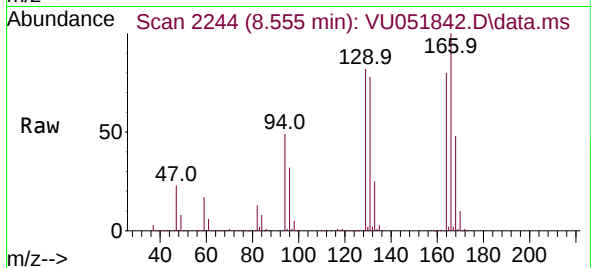
ClientSampleId :

Tgt Ion:129 Resp: 8598454

Ion Ratio Lower Upper

129 100

127 0.0 54.8 101.8#



#64

1,3-Dichlorobenzene

Concen: 0.085 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.007 min

Lab File: VU051842.D

Acq: 14 Nov 2022 18:23

Tgt Ion:146 Resp: 2243

Ion Ratio Lower Upper

146 100

111 45.6 28.6 53.2

148 63.3 44.7 82.9

